



Patent  
Attorney Docket No. 030681-591

In re Patent Application of  
Kim, Hye-yeon et. al.  
Application No.: 10/717,621  
Filing Date: November 21, 2003  
Title: Apparatus and Method for Enhancing Quality of Reproduced Image

Group Art Unit: 2621  
Examiner: Unassigned  
Confirmation No.: 8611

FIRST  
INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed is a FIRST Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

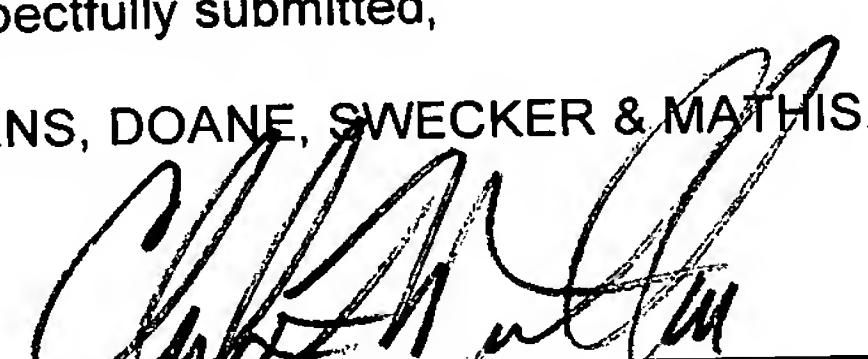
- No additional fee for submission of an IDS is required.
- The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- A check in the amount of \_\_\_\_\_ is enclosed for the fee due.
- Charge \_\_\_\_\_ to credit card. Form PTO-2038 is attached.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By

  
Charles F. Wieland III  
Registration No. 33,096

P.O. Box 1404  
Alexandria, Virginia 22313-1404  
(703) 836-6620

Date: April 2, 2004



Attorney's Docket No. 030681-591

UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of )  
Kim, Hye-yeon et. al. ) Group Art Unit: 2621  
Application No.: 10/717,621 ) Examiner: Unassigned  
Filed: November 21, 2003 ) Confirmation No.: 8611  
For: Apparatus and Method for Enhancing )  
Quality of Reproduced Image )  
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**FIRST INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

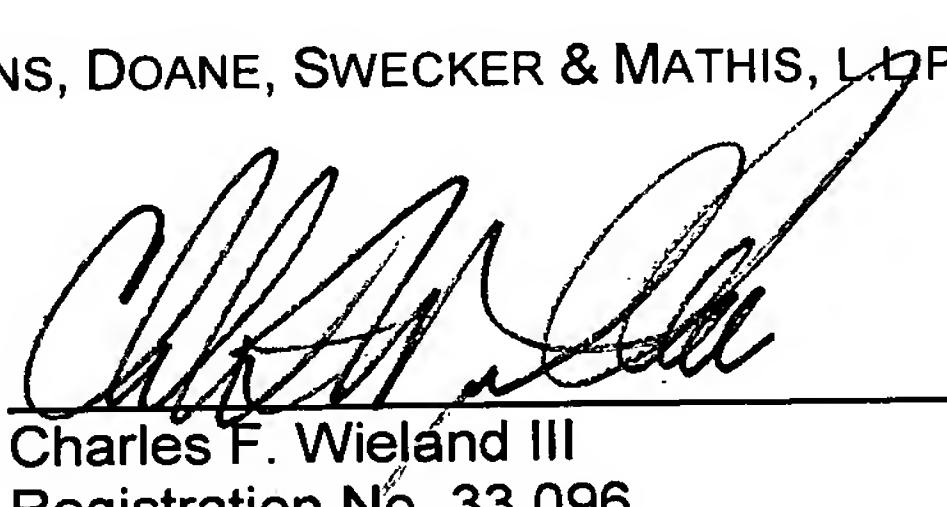
In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date April 2, 2004

By:   
Charles F. Wieland III  
Registration No. 33,096

P.O. Box 1404  
Alexandria, Virginia 22313-1404  
(703) 836-6620

# **FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

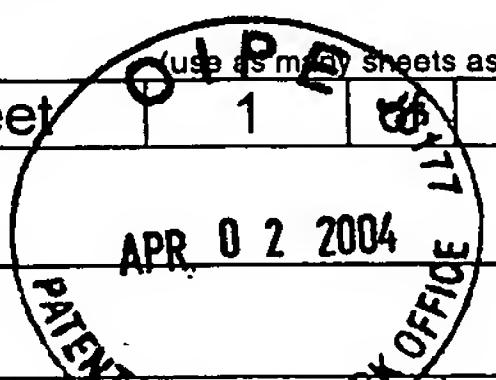
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***Complete if Known***

<b>Application Number</b>	10/717,621
<b>Filing Date</b>	November 21, 2003
<b>First Named Inventor</b>	Kim, Hye-yeon et. al.
<b>Examiner Name</b>	Unassigned
<b>Attorney Docket Number</b>	030681-591



APR 02 2004

## **U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

## **NON-PATENT LITERATURE DOCUMENTS**

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.